

IN THE ABSTRACT

Kindly delete the originally-presented abstract and substitute the following new abstract therefore:

A short range communications system in which transmitted signals are distorted by multipath effects and non-linear characteristics of circuit elements and cause cancellation errors in a received signal. These errors are determined by a receiving transceiver (TR') which transmits a control signal to a transmitting receiver (TR). The control signal is applied to a stage (12) to adjust the magnitude of input basedband data prior to modulation in a modulator (14) to predistort the constellation of the modulated signals in such a way that the distortion is effectively eliminated in propagation.